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(54) Title: Al₂O₃/SiC NANOCOMPOSITE ABRASIVE GRAINS, METHOD FOR PRODUCING THEM AND THEIR USE

(57) Abstract: The invention relates to a method for producing Al₂O₃/SiC nanocomposite abrasive grains. SiC nanoparticles are added to a sol containing aluminum oxide and said sol is then gelatinized, dried, calcinated and sintered. The invention also relates to Al₂O₃/SiC nanocomposite abrasive grains.